

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A controller equipment comprising:

a measuring unit configured to measure channel qualities of a control channel and a user channel separated from a received signal;

an updating unit configured to update target circuit qualities for the control channel and the user channel, based on results of measurement of the channel qualities by the measuring ~~units~~ unit;

a communicating unit configured to communicate, in a predetermined period, the updated target circuit qualities for the control channel and the user channel; and

a target circuit quality determining unit configured to determine a target circuit quality for the received signal, based on the target circuit qualities for the control channel and the user channel communicated from the communicating unit, so that all of the control channel and the user channel satisfy a required channel quality; wherein,

when the channel quality of the control channel satisfies a predetermined condition, the communicating unit is configured to communicate at least the target circuit quality for the control channel to the target circuit quality determining unit; and

the target circuit quality determining unit is configured to determine the target circuit quality for the received signal, based on the communicated target circuit quality for the control channel.

2. (Original) The controller equipment as set forth in claim 1, wherein the communicating unit is configured to compare the channel quality of the control channel with a predetermined threshold in a period shorter than the predetermined period, and to

communicate the updated target circuit quality for the control channel to the target circuit quality determining unit based on a result of the comparison.

3. (Original) The controller equipment as set forth in claim 1, wherein:

when the channel quality of the control channel satisfies a predetermined condition, the communicating unit is configured to communicate the target circuit qualities for the control channel and the user channel to the target circuit quality determining unit; and

the target circuit quality determining unit is configured to determine the target circuit quality for the received signal, based on the communicated target circuit qualities for the control channel and the user channel.

4. (New) A method for controller equipment comprising:

measuring channel qualities of a control channel and a user channel separated from a received signal;

updating target circuit qualities for the control channel and the user channel, based on results of measurement of the channel qualities;

communicating, in a predetermined period, updated target circuit qualities for the control channel and the user channel; and

determining a target circuit quality for the received signal, based on the target circuit qualities for the control channel and the user channel communicated, so that all of the control channel and the user channel satisfy a required channel quality; wherein,

communicating at least the target circuit quality for the control channel when the channel quality of the control channel satisfies a predetermined condition; and

determining the target circuit quality for the received signal, based on the communicated target circuit quality for the control channel.

5. (New) The method of claim 4 further comprising:

comparing the channel quality of the control channel with a predetermined threshold in a period shorter than the predetermined period; and

communicating the updated target circuit quality for the control channel based on a result of the comparison.

6. (New) The method of claim 4 further comprising:

communicating the target circuit qualities for the control channel and the user channel when the channel quality of the control channel satisfies a predetermined condition; and

determining the target circuit quality for the received signal, based on the communicated target circuit qualities for the control channel and the user channel.

7. (New) A controller equipment comprising:

means for measuring channel qualities of a control channel and a user channel separated from a received signal;

means for updating target circuit qualities for the control channel and the user channel, based on results of measurement of the channel qualities by the means for measuring channel qualities;

means for communicating, in a predetermined period, the updated target circuit qualities for the control channel and the user channel; and

means for determining a target circuit quality for the received signal, based on the target circuit qualities for the control channel and the user channel communicated from the means for communicating, so that all of the control channel and the user channel satisfy a required channel quality; wherein,

means for communicating communicates at least the target circuit quality for the control channel to the means for determining a target circuit quality when the channel quality of the control channel satisfies a predetermined condition; and

the means for determining a target circuit quality determines the target circuit quality for the received signal, based on the communicated target circuit quality for the control channel.

8. (New) The controller equipment as set forth in claim 7, wherein:

the communicating means compares the channel quality of the control channel with a predetermined threshold in a period shorter than the predetermined period, and communicates the updated target circuit quality for the control channel to the target circuit quality determining means based on a result of the comparison.

9. (New) The controller equipment as set forth in claim 7, wherein:

the communicating means communicates the target circuit qualities for the control channel and the user channel to the target circuit quality determining means when the channel quality of the control channel satisfies a predetermined condition; and

the target circuit quality determining means determines the target circuit quality for the received signal, based on the communicated target circuit qualities for the control channel and the user channel.